



Polybase Dry
Basecoat and Adhesive for Type I EPS Foam Board / Details
Testing Summary

PROPERTY	TEST METHOD	CRITERIA	RESULTS
BOND STRENGTH			
On Concrete Block, MPa (psi)	ASTM C-297	Dry state (28 days) Wet state (48 hr immersion, 2 hr drying) Wet state (48 hr immersion, 7 days drying)	>0.52 (75) >0.23 (33) >0.52 (75)
On EPS Board, MPa (psi)	ASTM C-297	Dry state (28 days) Wet state (48 hr immersion, 2 hr drying) Wet state (48 hr immersion, 7 days drying)	>0.19 (27) >0.21 (30) >0.21 (30)
On Imasco GreatWall, MPa (psi)	ASTM C-297	Dry state (7 days) Dry state (14 days)	>1.34 (194) >1.36 (197)
On Glass Mat Faced Gypsum Sheathing, MPa (psi)	ASTM C-297	Dry state (7 days) Dry state (14 days)	>0.12 (17) >0.14 (20)
On Exterior Gypsum Sheathing, MPa (psi)	ASTM C-297	Dry state (7 days) Dry state (14 days)	>0.13 (19) >0.10 (15)
WATER VAPOUR TRANSMISSION			
Water Vapour Permeance, ng/Pa·s·m ² (perms)	ASTM E-96, Desiccant Method	Polybase-Dry + mesh	1479 (25.84)
WATER RESISTANCE			
Impermeability to Water	UEAtc Directives for EIFS, Article 3.3.1.1	No water penetration in less than 2 hours	Pass
WATER ABSORPTION			
Water Absorption, %	UEAtc Directives for EIFS, Article 3.3.1.2	Polybase-Dry + mesh	14.4
IMPACT RESISTANCE			
Impact Resistance	ASTM D-5420	Six out of 10 free-fall drops show no failure	Pass